and they then they have been they were

and the

U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.											
Under the Paperwork Reduction Act of 1995, no persons are requi				Attorney Docket No.				A S			
UTILITY				ntor	500.41209X00						
PATENT APPLICATION TRANSMITTAL					SEKI, YUM	-	E AND CEDITOR	1, u.s.			
	IX	ANSWITTAL	Title	INFORMATION	RETRIEVAL	- DEVIC	E AND SERVICE				
(Only for new	w nonprovision	al applications under 37 CFR 1.53(b))	Express M	fail Label No.				9			
	A	PPLICATION ELEMENTS		4000500			missioner for Patents				
SEE MF	PEP chapter 60	00 concerning utility patent application c	ontents.	ADDRESS TO: Box Patent Application Washington, DC 20231							
1. X F	ee Transmittal Submit an onginal and a	Form (e g , PTO/SB/17) adupticale for fee processing)		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)							
	Applicant claims See 37 CFR 1.2	s small entity status. 7	Nucleotide and/or Amino Acid Sequence Submission fif applicable, all necessary)								
3. X S	Specification preferred arrangement set t	[Total Pages: <u>30</u>]	 a.								
	Descriptive title	of the invention te to Related Applications		i ☐ CD-ROM or CD-R (2 copies); or ii ☐ paper							
.; -i	Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Bnef Summary of the Invention -Brief Description of the Drawings (if filed)			c Statements verifying identity of above copies							
-				ACCOMPANYING APPLICATION PARTS							
-					John All						
-	Detailed Descri Claim(s)	•		9. L Assi	gnment Papers	rs (cover sheet & documents(s))					
	Abstract of the Drawing(s) (35 t			10 37 CFR 3 73(b) Statement Power of Attorney (when there is an assignee)							
5. Oath or 0	• • • • • • • • • • • • • • • • • • • •	[Total Pages:]		11 English Translation Document (if applicable)							
a		d (original or copy)	12. Information Disclosure Copies of IDS Citations Statement (IDS)/PTO-1449 13. Preliminary Amendment 14 Return Receipt Postcard (MPEP 503) (Should be specifically itemized)								
b 🔲		rior application (37 CFR 1 63 (d))									
		tion/divisional with Box 18 completed) TION OF INVENTOR(S)									
i	U DELE Signed	15 Certified Copy of Priority Document(s)									
	Named	in the prior application, see 37 CFR	(if foreign priority is claimed)								
6.		2) and 1 33(b) a Sheet. See 37 CFR 1 76	16. Nonpublication Request under 35 U S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35								
			or its equivalent. 17. Other. Figs. 1-12, Credit Card Payment Form,								
			Information Disclosure Sheet Under 37 CFR 1.56 w/refs., Claim For Priority Letter								
		APPLICATION, check appropriate bo	x, and sup				d in a preliminary amen	dment,			
or in an A	oplication Date Continuation	ta Sheet under 37 CFR 1.76: nn Divisional Contin	uation-in-pa	rt (CIP) of prior	application No						
Prior applica	atıon ınformatıo	n. Examıner Group Art (Unıt:	_							
Box 5b, is	considered a p	DIVISIONAL APPS only: The entire discleart of the disclosure of the accompanying be relied upon when a portion has be	ng continua	tion or divisional a	pplication and	d is herel	by incorporated by refere				
				ENCE ADDRESS	355						
Custon	mer Number or	Bar Code Label	1 Colore 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	h bar code label her	240	Correspor	ndence address below				
Name		ANTONELLI, TERRY, STOUT & K									
Address											
Address City			State			Zip					
Country			Telephone	(703) 312-6600	<u>. </u>	Code Fax	(703) 312-6666				
		rundidge	Registration No. (Attorney/Agent			29,621					
Signature	1//	X				Date	February 19, 2002				

Burden Hour Statement This form is estimated to take 2 hours to complete Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Complete if Known

February 19, 2002

For each additional invention to be

Request for expedited examination

Request for Continued Examination (RCE)

SUBTOTAL (3) (\$) 0.00

examined (37 CFR § 1.129(b))

of a design application

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Filing Date

Application Number

FEE TRANSMITTAL

for FY 2002 SEKI, YUMIKO First Named Inventor Patent fees are subject to annual revision. **Examiner Name** Group Art Unit Attorney Docket No. 500.41209X00 TOTAL AMOUNT OF PAYMENT (\$) 740.00 METHOD OF PAYMENT FEE CALCULATION (continued) 1. The Commissioner is hereby authorized to charge indicated 3. ADDITIONAL FEES Small fees and credit overpayments to: Large Entity **Entity** Deposit Account Number 01-2135 Fee Fee Fee Fee Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP (\$) Code (\$) Fee Description Fee Paid Under 37 CFR 1 1 6 and 1 17 105 130 205 65 Surcharge - late filing fee or oath Applicant Claims small entity status Surcharge - late provisional filing fee or 127 50 227 25 See 37 CFR 1.27 cover sheet 2. M Payment Enclosed: 139 130 139 130 Non-English specification ☐ Check 147 2,520 147 2,520 For filing a request for ex parte reexamination 112 920* 112 Requesting publication of SIR prior to **FEE CALCULATION** Examination action 2. BASIC FILING FEE 113 1.840* 113 1,840*Requesting publication of SIR after Large **Entity Small Entity** Examiner action Fee Fee Fee Fee Fee Description Fee Paid 110 215 55 115 Extension for reply within first month Code (\$) Code (\$) 740 201 370 Utility filing fee 400 101 740.00 116 216 Extension for reply within second month 200 106 330 206 165 Design filing fee 117 920 217 Extension for reply within third month 460 107 510 207 255 Plant filing fee 118 1,440 218 720 Extension for reply within fourth month 108 370 Reissue filing fee 128 1,960 228 Extension for reply within fifth month Provisional filing fee 119 320 219 Notice of Appeal 120 320 220 Filing a brief in support of an appeal 740.00 SUBTOTAL (1) 121 280 221 Request for oral hearing 1. EXTRA CLAIM FEES 138 1,510 138 1,510 Petition to institute a public use proceeding Fee from 140 110 240 Petition to revive - unavoidable Extra Claims Fee Paid below 141 1,280 241 Petition to revive - unintentional Total Claims 8 -20** x 18 = 0 = 0 1,280 142 242 Utility issue fee (or reissue) Indep. Claims 2-3** x 84 **=** 0 143 460 243 Design issue fee 230 280 = 0 144 620 244 310 Plant issue fee Multiple Dependent 122 130 122 130 Petitions to the Commissioner Small Entity Entity Large 123 50 123 50 Processing fee under 37 CFR 1.17(q) Fee Fee Fee Description 126 180 126 180 Submission of Information Disclosure Stmt Code Code (\$) (\$) 18 203 Claims in excess of 20 581 40 581 Recording each patent assignment per 103 property (times number of properties) Independent claims in excess of 3 102 202 42 84 146 740 246 370 For each additional invention to be examined (37 CFR § 1 129(a))

SUBMITTED BY		Complete (if applicable)					
Name (Print/Type)	Cari I. Bryndidge	Registration No. (Attorney/Agent)	29,621	Telephone	703-312-6600		
Signature			,	Date	February 19, 2002		

740

740

900

Other fee (specify)_

249

279

169

*Reduced by Basic Filing Fee Paid

370

149

169

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement This form is estimated to take 0.2 hours to complete Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

104

109 84

110 18

280

204

209

210

140

42

9

**or number previously paid, if greater; For Reissues, see above

Multiple dependent claim, if not paid

Reissue claims in excess of 20

** Reissue independent claims over original patent

and over original patent SUBTOTAL (2) \$ 0.00